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MINING NEWS

CHINO PROGRESS IS SATISFACTORY

Annual Report Shows Mining and Mill Charges Are Reasonable.

Santa Rita, N. M., May 14.—According to the annual report of the Chino Copper company, the company during the past 12 months produced 27,758,883 pounds of copper at a cost of 7.83 cents per pound. Net profits were \$2,175,994, or \$2.80 per share.

President MacNeill says: At the time that the last annual report was rendered, proven ore tonnage was 55,000,000 tons containing an average of 2.24 percent. Recalculated tonnage at the close of the last fiscal year shows an increase of 35,000,000 tons, or a total tonnage of 90,000,000 tons of an average grade slightly in excess of 1.3 percent copper.

Construction work has practically ceased and the milling plant, well designed to handle 5000 tons a day, has developed a capacity of fully 8000 tons a day and at the present writing is handling this tonnage and will continue to handle at least this amount as a daily average.

Gross production of copper amounted to 27,758,883 pounds, which, after smelting reductions, resulted in a marketable product of 27,758,883 pounds. This output of copper was the result with the plant operating at hardly two-thirds average capacity during the year, owing to non-completion of some of the units. The five sections were not entirely completed until April 1, 1932. Average cost of producing this copper, including all expenses of every kind, was 7.83 cents per pound. Average price received was 15.5483 cents. If miscellaneous income were credited to costs net costs would be 7.33 cents per pound.

Entire operation is progressing in a most satisfactory manner. The result for the year is best evidence that the methods employed are successful. With present equipment, the company should have no difficulty in attaining an annual production of 60,000,000 to 70,000,000 pounds of copper, and there is

every reason to believe that substantial reduction in costs for next year and several years to come will be realized.

General manager Jackling says: It is estimated that of the 30,000,000 tons of ore considered as fully developed, about 30,000,000 tons, or nearly 90 percent, will be available for steam-shovel mining. In previous reports we have estimated that only 40 percent could be mined by steam shovel.

Deferred charges for the year due to stripping operations amounted to almost exactly one cent per pound of copper produced in concentrates, notwithstanding that the stripping removed was equivalent to uncovering between three to four times the amount of ore actually mined. Since the beginning of the second quarter of the year a charge of 20 cents per ton of ore has been made against operations to cover stripping expense, and it is estimated that this rate of charge as applied to increased tonnage handled, when the mill is in full operation, will be sufficient nearly, if not quite, to cover all current stripping expenses, and avoid any substantial additions to expense charges on this account.

Tonnage treated for the year was 1,129,375, average copper content of the ore was 20.77 percent, and average recovery was 61.63 percent.

At the time of writing this report and for about two months previous, recovery has been maintained at over 70 percent. Average milling cost was 84.7 cents per ton, but this excludes all extraordinary expenses incident to starting plant and operating on small tonnages. Milling cost has been reduced to below 50 cents per ton.

SOME RICH COPPER ORE

FOUND NEAR SAN SIMON
San Simon, Ariz., May 14.—Dr. B. V. Copp and C. E. Hearp are exhibiting samples of copper ore, found on the mesa, in a vein 18 inches wide, that assays \$60.20, 15 miles southeast of town, three miles from a siding on the S. F. tracks.

Jas. Hall, a miner in the Paradise district, is in town.

Jas. Cross, a mining man, of Paradise, and interested in one of San Simon's business firms, is a visitor in town.

Frederic J. Haskins, "American Government," as long as they last, copies of Frederic J. Haskins' great book, "The American Government," may be had at The Herald office. Present clipping of this paragraph and 60 cents. By mail, 15 cents additional.

MINING NEWS

DECREASE SHOWN IN DEVELOPMENT

Miami Copper Tonnage Insufficient For Full Mill Capacity.

Miami, Ariz., May 14.—Inspiration Consolidated Copper company's underground development work for April amounted to 1720 feet for the Inspiration division, and 730 feet for the Live Oak division, a total of 2510 feet, showing a decrease of 2029 feet for the Inspiration and an increase of 30 feet for the Live Oak division, over the March footings. The decrease in development is due to a large extent in that practically all drifting was confined to the main haulage ways, which are seven and one-half by eight feet in the clear. A total of 17,000 tons of ore was mined, of which 11,000 tons were hoisted at the Joe Bush shaft and 6000 at the Live Oak shaft. This brings the Inspiration's stock pile tonnage close to 200,000 tons of commercial ore.

Connection between Live Oak shafts No. 1 and 2, should be established by the middle of the month, there remaining 240 feet to be driven. As yet 250 feet of the 6000 foot main haulage level connecting the Live Oak with the Inspiration ore body, remains to be completed. At present all work at the Live Oak branch is being carried on in waste. Churn drilling has been by the company. One of the steam shovels which has been in use on the railroad grade has been moved to the mill site, where it is now operating.

At the Miami Copper company the present tonnage remains insufficient to warrant the operation of the two idle units of the mill that have been closed since the late in April 17, reduced ore supply coming from the shrinkage stopes. Shaft No. 2 is being rapidly dismantled and transformed into a chute for use in the handling of the ore at the stock pile. Surface cracks attended by subsidence, following the

extraction of the ore by the caving system have become so pronounced as to necessitate the placing of numerous danger signs in the caving zone.

At the South Live Oak, hole No. 3, has attained a depth of over 250 feet. The management expects to continue this hole to a depth of over 2500 feet and as the deepest hole at present in this section is about 1100 feet, the outcome will be watched with close attention by the other mining interests of the district.

Resumes Shipping to El Paso.

At the Iron Cap, in the Globe district, development work during the past week has disclosed a lead of phenomenal high grade ore in the 4th drift on the 650 foot level. The ore encountered lies along and in contact with the main ledge of the property and consists of almost pure chalcocite carrying high values in silver. Average assays give returns of 53 percent copper and 119 ounces silver per ton. The lead has a width of about 14 inches and drifting has already exposed it for a distance of over 15 feet. To date about 15 tons has been mined and a sufficient amount should be available for shipment, the gross returns on which should be about \$4000. The cross cut from the raise on the 300 foot level has reached the main vein and has shown it to be about nine feet wide at this point, assaying between seven and eight percent work on copper. The raise has been temporarily suspended. The continuation of the vein from the 650 to the 500 level was virtually proven, and this combined with the high grade strike across the company a very promising outlook. Ore shipment which have been held up for the last three weeks by the El Paso smelter strike have been renewed to that point.

Encounter Pyritic Ore.

At the Arizona Commercial mine, a vein of pyritic ore has been encountered in the Copper Hill shaft at a depth of about 1400 feet. The ore came in from the east and at present covers the entire bottom of the shaft. Assays show low values in copper, silver and gold. The company's program of shaft sinking is to be temporarily suspended after another 100 feet of depth has been secured and development is to be prosecuted by a series of drifts and crosscuts. This depth will correspond very closely to that of the 10th level no development work will be carried on at this level until the shaft has been thoroughly explored. Very little water is being encountered.

Flashing Development.

At the development work in the eastern portion of the property is being carried on vigorously. The cross cut on the 10th and 12th that were being driven towards the 40 foot ledge discovered on the upper levels, have encountered the vein. On both the 10th and 12th the points of intersection are very close to the fault line and the ledge is necessarily highly shattered and broken.

EVELYN THAW WILL GO BACK ON STAGE

Contract to Tour England and America at Large Salary is Signed in England.

Plymouth, Eng., May 14.—Evelyn Thaw has decided to return to the stage and has signed a contract with the Maribell agency to tour England and America at a salary said to approach \$5000 a week. Her first appearance will be in the London Music Hall within a few weeks. When seen aboard the Olympic she said she was going to Paris to resume the study of sculpture and then would return to London for her reappearance on the stage. Russell, her two-year-old son, was with her.

During the voyage, Mrs. Thaw kept to herself. She constantly refused to take part in the ship's concerts or to join games, and it wasn't known until the ship was four days out who the young woman was who was so constant in her attention to her cabin. Many endeavored to make her acquaintance, but this annoyed her and the result was that after this she spent most of her time in her cabin.

MINING NEWS

C. & A. SMELTER TO OPERATE SOON

Will Still Further Reduce the Cost of This Company's Ore Production; Blaise Mining News.

Blaise, Ariz., May 14.—There is much interest in mining circles here in the announcement of the Calumet & Arizona that two of the huge blast furnaces at the new smelter at Eugene will be blown in June 2, thus practically inaugurating the smelting of the splendid plant on that date. This will mean that the "Blaise & Arizona," already one of the largest copper smelters in the country, will greatly increase its output of ore. Of great importance is the attendance of lower capacity of the new smelter which will enable the company to touch the low record in the copper producing sections of the United States. The Calumet & Arizona being conceded to produce at a cheaper cost than any other company in the country.

During the month of April, figures just at hand show that both Calumet & Arizona and Superior and Pittsburgh, which is controlled by it, had a record month with the exception of December. In that month the production of copper was about 10,000 pounds in excess of the April figures. The output for April was 5,735,000, an increase of a million and a half pounds over March. The gain is due to both higher grade of ore and to the free use of smelter facilities.

Among late ore development features of the Warren district the Uncle Sam mine of the Copper Queen is providing much that is worthy of note on the 200 foot level, where an ore body has been opening up during the last six months and where there is now shown up a large tonnage of excellent grade. About 25 feet has been brought in along the Shattuck line and this is now being stopped in. The big body is estimated to be about 100 feet in length and the Shattuck is also working in on its side of the line, at a little higher level and is a very valuable possession. Another Copper Queen ore body that has recently been brought in and that is constantly looking better is that being opened up on the 1200 and 1300 foot levels in the Lowell shaft. This is also a good grade ore and now promises to exceed the best early output of the mine. The low grade ore being worked in the Sacramento district has recently been brought in by the Shattuck line.

The Higgins Leasing company is working over to the Shattuck line as rapidly as it can with its rise from the long Higgins tunnel. This rise is being pushed at the rate of about five feet a day. It is in ore which is apparently growing in value, and the vein is being followed in increasing size. Assays are reported to have shown \$250 per ton.

Prospects have been looking so well on the Commonwealth Extension that the price of the stock was put up at a recent meeting of the directors.

POOL HALL IS SOLD IN

CLOUDCROFT; PERSONALS
Cloudcroft, N. M., May 14.—Geo. Olden has bought the pool hall which was owned by Dr. Thomas A. Huxley, barber shop will be run in connection.

Mrs. Lois Levi and little daughter have been visiting at Jones' ranch near Cloudcroft. Mrs. Levi will visit her sister, Mrs. Frank Maxwell.

Sunday Cloudcroft was visited by several of Alamogordo's younger set. Those who came up were: Messrs. C. M. Hunter, F. C. Polak, W. Goldstein, T. H. Beecher and Tom Green, Misses Hazel Shelton, Nina Warnock, Hazel Hansen, Kate Carney and Thomas.

Mr. and Mrs. J. C. Jones and Mr. and Mrs. Howard Beacham entertained a party from Cloudcroft. Those visiting were Messrs. R. W. Fort, manager of the Lodge, Gus Griggs, assistant manager at the Lodge, A. M. McCorkle, traveling auditor for the E. P. & S. W. Ry., Scott B. Williams and Jas. B. York.

Dr. L. K. Warren is improving after an illness of several days.

A. B. Christian, of High Rolls, was visiting friends in Cloudcroft.

MINING NEWS

STARTS PUMPING IN EVEREST WELL

Oil Companies in Artesian Field Secure Reduction in Rate From the

Artesia, N. M., May 14.—The Pecos Valley Oil and Gas company has commenced pumping oil from the Everest well, which it leased near the Brown well. The company is getting from 25 to 50 barrels of oil a day. It drilled the well about 100 feet deeper or to a depth of about 928 feet, shut off the water and set a two and a half inch casing in the oil sand and installed a pump. The oil is high grade. Since the derrick over the Brown well burned, the company will be able to supply customers with the oil from the Everest well.

The oil companies have succeeded in securing a reduction on freight rates of oil from the spur south of Artesia. The Santa Fe has cut the rate per hundred on grade oil from the spur to Roswell, from 25 cents to 10 cents, and from the spur to Carlsbad, from 14 cents to seven and a half cents.

The United Petroleum company is down about 900 feet with the imported derrick. The company has passed through the artesian water strata, and cased off the water at about 200 feet and installed to that depth a ten-inch casing. It is now working day and night and will go 2000 feet if necessary to secure a good flow of oil. The company expects to strike some oil sand within the next 50 feet.

A good shower of oil appeared in the Evans well, northwest of Lake Arthur. A test made in Oklahoma City gave 42 percent gasoline with 55 gravity.

Three new companies will prospect the Cottonwood district, northwest of Artesia, where oil has appeared in a few artesian wells.

PECOS VALLEY OIL BASIN.

DECLARES OKLAHOMA MAN.

Expert Pronounces Developments So Far Carried on Proof That Petroleum Exists in Paying Quantities.

Roswell, N. M., May 14.—According to W. M. Dunham, of Tulsa, Okla., an oil man of high standing and experience, who is looking over the oil fields, the Pecos valley shows every indication of a profitable oil field and a large one. "You have an ideal formation here," he said. "If an experienced oil man would drop in from a balloon here, he would know anything about the recent developments, he would go wild after looking over the surface formation. Even the casual observer must notice the parallels with the other great oil fields of the country."

"I would say that it is highly probable that this field represents a tremendous basin or reservoir. You may not get anywhere. It is better if you don't. Don't get discouraged if it is not struck at once. The drill will tell the tale, and I am sure there is petroleum here. It may be deeper than one thinks, but it is here."

"After looking over the Tanshill well," he was asked, "at what depth do you think oil will be found in commercial quantities?"

"I would say at a depth than 2200 feet. Possibly sooner. But I feel confident that oil will be found," answered Mr. Dunham.

"The sandstones, lime, shales and lay of country are ideal for a petroleum field. And don't worry about your markets. Every change in the markets of petroleum of its 240 different byproducts will be an advance."

Asked what he thought of the undeveloped fields, he said: "There are three fields yet undeveloped in the United States that show any indications of oil. One in Kentucky, another in Wyoming, and the third is the Pecos valley field."

"It is fortunate for the Pecos valley that the field was not developed before. Now is the geological time to come into the field."

Asked what the value of a 50 gallon pump well, he said it differed, but he did know that in other fields it brought the land up from \$2.50 per acre to \$1000 to \$5000. Pennsylvania, he said, had wells that were not flow-

ing more than 12 to 20 gallons, but were considered good payers. He took up the matter of the oil and water mixture as is found in the valley. Other fields have had the same trouble. "In West Virginia, I know of one well that was pumped for seven months before the water was dispensed with; after that, the well produced 4000 gallons per day," he said.

Arizona motorists will make big runs to Grand Canyon and other important points throughout the state of Arizona and to California points this summer. The reorganization of the Maricopa County Automobile club with a very big membership roll has been effected. This club is now taking prominent part in arranging runs and races.



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